

DATE 1945Z 23 JAN 64

S E C R E T

TO : DIRECTOR 25X1A

FROM :

ACTION:

INFO :

25X1A TOR: 2107Z 23 JAN 64

25X1A

TO

INFO

CITE

1647

OXCART

1. STATUS REPORT 8.

2. TYPE 1A CONFIGURATION.

A. TWO ADDITIONAL TESTS OF THIS UNIT HAVE BEEN COMPLETED, ATF 41A ON 8 JANUARY 1964 AND ATF 42A ON 15 JANUARY 1964.

B. RESULTS ON BOTH TESTS SHOWED SOME IMPROVEMENT IN RESOLUTION OVER EARLIER TEST RESULTS.

C. REFERENCE [] TWX 3447 AND 3591 FOR QUICK LOOK REPORT.

D. FIRST OPTICAL QUALITY VACUUM WINDOW COMPLETED.

E. SECOND OPTICAL QUALITY VACUUM WINDOW HAS BEEN WELDED AND IS CONSIDERED 50 PERCENT COMPLETE. ESTIMATED COMPLETION 21 FEBRUARY 1964.

3. TYPE 1B CONFIGURATION.

A. NO ADDITIONAL TESTING OF THIS UNIT SINCE LAST STATUS REPORT.

S E C R E T

GROUP 1
Excluded from automatic
downgrading and
declassification

1647 (IN 59927)

S E C R E T

PAGE TWO

25X1A

B. PRESENTLY IMPROVING INC BY MODIFYING SHUTTLE AMPLIFIER.

4. TYPE IC CONFIGURATION.

A. AFT BENCH HAS BEEN OPTICALLY ALIGNED AND IS BEING INSTALLED ON THE PLATFORM.

B. THE FWD BENCH IS BEING ALIGNED WITH THE NEW PRIMARY.

5. TYPE ID CONFIGURATION.

A. THE LAST OF THE OPTICAL ELEMENTS ARE BEING TESTED. THOSE WHICH HAVE BEEN CUT AND TESTED ARE BEING ASSEMBLED TO THE CELLS.

B. SUPPLY AND TAKE-UP HAS BEEN FITTED TO THE PLATFORM. THE BRIDGE MATED TO THE PLATFORM, AND THE UPPER FRAME WIRED.

C. PRESENTLY DEBUGGING THE FILM TRANSPORT SERVO MECHANISMS. ONE SHUTTLE COMPLETED, ONE DUE 23 JANUARY 1964.

6. TYPE IE CONFIGURATION.

A. THE BRIDGE AND FRAME HAVE BEEN MECHANICALLY REWORKED.

B. MECHANICAL ASSEMBLY OF THE FRAME HAS STARTED.

C. MAIN CABLE IS 75 PERCENT INSTALLED IN PLATFORM, FRAME CABLE 50 PERCENT COMPLETE.

7. TYPE IF CONFIGURATION.

A. THE FRAME HAS BEEN RECEIVED.

B. MAJOR SUB-ASSEMBLIES IN-PROCESS ARE ON SCHEDULE.

END OF MESSAGE